ENTERED

See pages 6-8

RAW SEQUENCE LISTING DATE: 06/03/2002
PATENT APPLICATION: US/10/016,349A TIME: 12:38:33

Input Set : A:\dex-243.ST25.txt
Output Set: N:\CRF3\06032002\J016349A.raw

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 3  <110> APPLICANT: Recipon, Herve
 4          Sun, Yongming
 5          Chen, Sei-Yu
 6          Liu, Chenghua
 7          Turner, Leah
 9  <120> TITLE OF INVENTION: Compositions and Methods relating to Lung Specific Genes and
Proteins
11  <130> FILE REFERENCE: DEX-0243
13  <140> CURRENT APPLICATION NUMBER: US/10/016,349A
14  <141> CURRENT FILING DATE: 2001-10-26
16  <150> PRIOR APPLICATION NUMBER: US 60/243,459
17  <151> PRIOR FILING DATE: 2000-10-26
19  <160> NUMBER OF SEQ ID NOS: 244
21  <170> SOFTWARE: PatentIn version 3.1
23  <210> SEQ ID NO: 1
24  <211> LENGTH: 2368
25  <212> TYPE: DNA
26  <213> ORGANISM: Homo sapiens
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31  ggccgagaag cagctgggct gagctgctaa aagcacagag accgggggcca gactcctcag   120
33  cctgaaatcc tgcttccact aagtaccagc tgggtaactt caggtggagc ccagttgaca   180
35  ggaaatgttt ctccagaagc tgaaaagctg cctggtaaag gcctttcata aaatggtctg   240
37  cgtttgggac caggaagaca gaagactcct caagaagaga actggaacct taacccactt   300
39  cagacttctt catgtctgaa gcttatttcc accatcccat tgagaaccaa agaagcgagc   360
41  tccttggaga atcggctccc acctggacct tctgtttatc cttccaatag ctgctgcatt   420
43  catccttccc agctaatgac acttccagcc tttcgtgttt caaagtatca cggactttgc   480
45  aaaagattcc aggtttctat ggagcagata gtacttttaa caatcaacat gtgcattatt   540
47  atttcctcct aaggcatact tagacatcaa tgcatgctac agcaaggcaa cttatctcac   600
49  cctcaccaag gtatgaactt cagaatttga acttgttcct ttggggtaag ttgtatcacc   660
51  agcactcact aacagactgt attttccagt gaggtttcat tctgtttcag atattctgca   720
53  ctttcagtgg caaaatttta aagaaaagga gacaaaatgg aacacaaatt caatatgact   780
55  attgtcatcc ttccctccca ggaagtgtag gaatcatcca aagtggtaaa agagcagcgc   840
57  ttctaaactc tgacttcaca tggaaaataa cgcgactact aaaactgata acaatagcag   900
59  tccatgccat ttgacagggg tgtgtaggag aggtggtgag caagctgaaa tcccttcagg   960
61  tatttgcaga acttctgagc aaaagctaaa gctaaaatta acattaaata tgcaaagtat  1020
63  ttttaaccca acataaatta acaatgttcc tatttcaatt ctattgctct tgggatgact  1080
65  atgtcctttg gaaaatgttt aaataactta agatttccgt catgagttta ctatttcaaa  1140
67  acttattttt ttaactgcaa gatacctttt tatgttacca ggagtgttac cagctagctg  1200
69  ccaaaacctg gttgaagttc tcccacttta tattgtaaat gattacatag tttattagta  1260
71  attgtgtccc ctgtccaccc actggtccat ttggatggga aaattttcaa aataacttca  1320
73  taagaaaatg ataagaaaaa tgtggtcacc ggtatcatga ggaacttcca gacagctcag  1380
75  cacagaaaag ttggtttttaa agtcctcgaa aacgttactg gtaatgagct tccactcctt  1440
77  tagtcgttgt gcatagatac accacagagt aaggttataa aaataaaagt tgtttcagga  1500
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 79 aatttcccat tgctttatta catgatcaat gagagtaaag agaaatggaa gttgacggga   1560
 81 taggaatgag ggacctgctg gaagagtgat cacaatatcc aaaggaaatt taaaatgcct   1620
 83 gttgaaagtg acacactgac tcagcattgt cactaacaca gaatcaccac aataaaactg   1680
 85 ccctgccctg tggctcctgg cacctcatgt ctctttaggt taagcagaga gaggtctgtg   1740
 87 ttgctttgga acaaggtgca gcctcccct aagctacaga gaggctctga gcaaggacca   1800
 89 gccccaggg tgcagccttg cccaccctcc acaggctcca gagcagatgg ggtggctcta   1860
 91 gagagcaaat ggtcaaaact tctagcgcta aatagagctt taacatgtct cagatactag   1920
 93 caaaatagag aagcctcaga tggctttagg tctggaagtg tgttgctaaa aatgctaaaa   1980
 95 atttaacaaa cttttataaa tccttaagag atctttttca gttttctgaa gtaccgttaa   2040
 97 ttgcccatgt gtttcaactt gcagacaggc aagaatttgg ctttgtatgt ttaaaaatat   2100
 99 gtacatcttg gttcataatg atgatttatt tccaaaatgg tgactcatac taggattaca   2160
101 tataaaacat catatgtggg ccttatatgt aataatgtgt aagtatagta tattaattac   2220
103 tctgacataa catgggcaga gatttgtatt aatttatttc tatttcatct aatcaatatt   2280
105 ttacttaagt ctaaaacctt atatatatat tgacatgtat catcgtatat ataaacattg   2340
107 tatctattga actgagcaat ctgtagtt                                      2368
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111 <211> LENGTH: 2437
112 <212> TYPE: DNA
113 <213> ORGANISM: Homo sapiens
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118 ggccgagaag cagctgggct gagctgctaa aagcacagag accggggcca gactcctcag    120
120 cctgaaatcc tgcttccact aagtaccagc tgggtaactt caggtggagc ccagttgaca    180
122 ggaaatgttt ctccagaagc tgaaaagctg cctggtaaag gcctttcata aaatggtctg    240
124 cgtttgggac caggaagaca gaagactcct caagaagaga actggaacct taacccactt    300
126 cagacttctt catgtctgaa gcttatttcc accatcccat tgagaaccaa agaagcgagc    360
128 tccttggaga atcggctccc acctggacct tctgtttatc cttccaatag ctgctgcatt    420
130 catccttccc agctaatgac acttccagcc tttcgtgttt caaagtatca cggactttgc    480
132 aaaagattcc aggtttctat ggagcagata gtacttttaa caatcaacat gtgcattatt    540
134 atttcctcct aaggcatact tagacatcaa tgcatgctac agcaaggcaa cttatctcac    600
136 cctcaccaag gtatgaactt cagaatttga acttgttcct ttggggtaag ttgtatcacc    660
138 agcactcact aacagactgt attttccagt gaggtttcat tctgtttcag atattctgca    720
140 ctttcagtgg caaaatttta aagaaaagga gacaaaatgg aacacaaatt caatatgact    780
142 attgtcatcc ttccctccca ggaagtgtag gaatcatcca aagtggtaaa agagcagcgc    840
144 ttctaaactc tgacttcaca tggaaaataa cgcgactact aaaactgata acaatagcag    900
146 tccatgccat ttgacagggg tgtgtaggag aggtggtgag caagctgaaa tcccttcagg    960
148 tatttgcaga acttctgagc aaaagctaaa gctaaaatta acattaaata tgcaaagtat   1020
150 ttttaaccca acataaatta acaatgttcc tatttcaatt ctattgctct tgggatgact   1080
152 atgtcctttg gaaatgtttt aaataactta agattccgt catgagttta ctatttcaaa   1140
154 acttattttt ttaactgcaa gatacctttt tatgttacca ggagtgttac cagctagctg   1200
156 ccaaaacctg gttgaagttc tcccacttta tattgtaaat gattacatag tttattagta   1260
158 attgtgtccc ctgtccaccc actggtccat ttggatggga aaattttcaa aataacttca   1320
160 taagaaaatg ataagaaaaa tgtggtcacc ggtatcatga ggaacttcca gacagctcag   1380
162 cacagaaaag ttggtttaa agtcctcgaa aacgttactg gtaatgagct tccactcctt   1440
164 tagtcgttgt gcatagatac accacagagt aaggttataa aaataaaagt tgtttcagga   1500
166 aatttcccat tgctttatta catgatcaat gagagtaaag agaaatggaa gttgacggga   1560
168 taggaatgag ggacctgctg gaagagtgat cacaatatcc aaaggaaatt taaaatgcct   1620
170 gttgaaagtg acacactgac tcagcattgt cactaacaca gaatcaccac aataaaactg   1680
172 ccctgccctg tggctcctgg cacctcatgt ctctttaggt taagcagaga gaggtctgtg   1740
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       Input Set : A:\dex-243.ST25.txt
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174 ttgctttgga acaaggtgca gcctccccct aagctacaga gaggctctga gcaaggacca   1800
176 gccccagggg tgcagccttg cccaccctcc acaggctcca gagcagatgg ggtggctcta   1860
178 gagagcaaat ggtcaaaact tctagcgcta aatagagctt taacatgtct cagatactag   1920
180 caaaatagag aagcctcaga tggctttagg tctggaagtg tgttgctaaa aatgctaaaa   1980
182 atttaacaaa cttttataaa tccttaagag atctttttca gttttctgaa gtaccgttaa   2040
184 ttgcccatgt gtttcaactt gcagacaggc aagaatttgg ctttgtatgt ttaaaaatat   2100
186 gtacatcttg gttcataatg atgatttatt tccaaaatgg tgactcatac taggattaca   2160
188 tataaaacat catatgtggg ccttatatgt aataatgtgt aagtatagta tattaattac   2220
190 tctgacataa catgggcaga gatttgtatt aatttatttc tatttcatct aatcaatatt   2280
192 ttacttaagt ctaaaacctt atatatatat tgacatgtat catcgtatat ataaacattg   2340
194 tatctattga actgagcaat ctgtagttta ttttaaattc tgatacatta aagatgtgga   2400
196 gaactacatg aaaaaaaaaa aaaaaaaaa actgcgg                              2437
199 <210> SEQ ID NO: 3
200 <211> LENGTH: 439
201 <212> TYPE: DNA
202 <213> ORGANISM: Homo sapiens
204 <220> FEATURE:
205 <221> NAME/KEY: misc_feature
206 <222> LOCATION: (100)..(100)
207 <223> OTHER INFORMATION: n = a, c, g or t
210 <220> FEATURE:
211 <221> NAME/KEY: misc_feature
212 <222> LOCATION: (103)..(104)
213 <223> OTHER INFORMATION: n = a, c, g or t
216 <400> SEQUENCE: 3
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219 gtttcttact gaaaataggg caatttaaag aataaaagan agnnaaacca tagtaattct   120
221 actaaccaga ggttactatt gataatgcct ttttgtgtat atcctgtatt tgttttccta   180
223 tttacaacac atcatctata atgtggtatt tatagccttt taatttaata gaactaagat   240
225 tgtactgagc atagtatcga ttaccctgcc ttttttcactg caatgtctcc catccttcaa   300
227 agggccccac tggcaaccag tctgtgttgg ctttcaggcg gagaaggcat atctggggca   360
229 cttgatatgc acttgcacta ccactggttc ccagttttct atgaggtatc tatatcagat   420
231 catggctaaa atgagtggg                                                439
234 <210> SEQ ID NO: 4
235 <211> LENGTH: 824
236 <212> TYPE: DNA
237 <213> ORGANISM: Homo sapiens
239 <220> FEATURE:
240 <221> NAME/KEY: misc_feature
241 <222> LOCATION: (100)..(100)
242 <223> OTHER INFORMATION: n = a, c, g or t
245 <220> FEATURE:
246 <221> NAME/KEY: misc_feature
247 <222> LOCATION: (103)..(104)
248 <223> OTHER INFORMATION: n = a, c, g or t
251 <400> SEQUENCE: 4
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254 gtttcttact gaaaataggg caatttaaag aataaaagan agnnaaacca tagtaattct   120
256 actaaccaga ggttactatt gataatgcct ttttgtgtat atcctgtatt tgttttccta   180
```

Markers in left margin: `W-->` at line 219 and `W-->` at line 254.

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                    RAW SEQUENCE LISTING              DATE: 06/03/2002
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                    Input Set : A:\dex-243.ST25.txt
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      258 tttacaacac atcatctata atgtggtatt tatagccttt taatttaata gaactaagat   240
      260 tgtactgagc atagtatcga ttaccctgcc tttttcactg caatgtctcc catccttcaa   300
      262 agggccccac tggcaaccag tctgtgttgg ctttcaggcg gagaaggcat atctggggca   360
      264 cttgatatgc acttgcacta ccactggttc ccagtttтct atgaggtatc tatatcagat   420
      266 catggctaaa atgagtggga attgcttggc aaatttgtgt ttgtttttat ctttatattt   480
      268 gcacatactg aataaagata attttaatcc tggggaagag gtagaacaaa tctcatgatt   540
      270 ttagttttct ctgttagtat tgcacgacat aagcaccaga gagatgactt ttttcctcct   600
      272 ttggttcatt tgtattttac ttgtcctatt ccaaaagaac agtattcgaa atgagacaca   660
      274 ggtatcaata aggaaaattt ccagagccag aacgaaggaa ggaactgtca gggaacaatt   720
      276 agtgtgatgg gaaactatgt tatgcttcct cagaaagtat gacaaatatg ttacatttac   780
      278 ttgagtttct ggaaactgca catgagggat atagcattaa tttc                     824
      281 <210> SEQ ID NO: 5
      282 <211> LENGTH: 313
      283 <212> TYPE: DNA
      284 <213> ORGANISM: Homo sapiens
      286 <220> FEATURE:
      287 <221> NAME/KEY: misc_feature
      288 <222> LOCATION: (131)..(153)
      289 <223> OTHER INFORMATION: n = a, c, g or t
      292 <400> SEQUENCE: 5
      293 aaaatataaa gaatagtatg acccactgca acaattagca ctactaacat ttgtcatttt    60
      295 tgttttagat tttattttta agtaaaccat aaacaacatg taggtttgtg ctatggttag   120
W--> 297 aaggttgtcc nnnnnnnnnn nnnnnnnnnn nnnaattacc aagcaacagt ataaaaaggt   180
      299 ggtaccacct gagaggtgat tagaccatga gcgctccacc ccccatggag gggaggtgcg   240
      301 attcatgctg ttataaaagg gctagctggg ctcctttttc cgttactgcc ttctgaccta   300
      303 tgatgacgca gca                                                      313
      306 <210> SEQ ID NO: 6
      307 <211> LENGTH: 131
      308 <212> TYPE: DNA
      309 <213> ORGANISM: Homo sapiens
      311 <400> SEQUENCE: 6
      312 tctgcctctg agctttcaaa cgtgcgccca ctgttctgca acttggtttg ctcacccaat    60
      314 gtaaagctga atggtttcag attaagatat acacaagtgg gattctacca tggaattctg   120
      316 ccatacctga g                                                        131
      319 <210> SEQ ID NO: 7
      320 <211> LENGTH: 333
      321 <212> TYPE: DNA
      322 <213> ORGANISM: Homo sapiens
      324 <220> FEATURE:
      325 <221> NAME/KEY: misc_feature
      326 <222> LOCATION: (305)..(305)
      327 <223> OTHER INFORMATION: n = a, c, g or t
      330 <400> SEQUENCE: 7
      331 aatggggata atatcattta cttcgacact tgggaagatc aagtgagcta atgcatataa    60
      333 aacattcact gcgcccagcc gagtggtttc ttttcacatc aagtacaaga tgcatcctga   120
      335 aaaaaaagtc atgttattac cgcattttgt gaattcagac atgcattgac tatttactct   180
      337 gtgccatgta gttttctcca ccagtgaggt agatgttatt atcccatttt tacacatgat   240
      339 gaaactgaga ccagaaaatt ttaaacaggc caggcctggt ggttcacccc gtaaccccaa   300
W--> 341 ggcangagta tcgctagagt ccaggagttc ggg                                333
```

```
344 <210> SEQ ID NO: 8
345 <211> LENGTH: 532
346 <212> TYPE: DNA
347 <213> ORGANISM: Homo sapiens
349 <400> SEQUENCE: 8
350 gcataagtag ataatacaca tgacaaatta tcctgagttg caagtaaatg atctctgtaa       60
352 agggatggaa tgttgtattt ccttctactg atgtttccat aaactccagt ttattgtgtg      120
354 acaatctatt ttcaaaattt gtagtcatac ctacttgaat ataaggtggg actcaacaaa      180
356 ggcaacacaa ctgactttgt atgtccccta aagggaggct gtagatctct aagagatata      240
358 cttaagtggt ggagaaactg atttcatttg ttctatttct caaagttat ttcttaaaat       300
360 ctgagtcagt gtttaatttt gcgtttaatt cttgcttgaa gaaacaaaca tcaggatgct      360
362 aaactcagtc cttgctgctg ctgcctcatt gactaagctg gcccaggcac agcatgtcac      420
364 ctcggtgtac cttcccagt ttattatgtt aggatggcag aaatcatttt cctcaaaatg        480
366 aggatgtgaa aggcacttat taaacttaag taaagtgatt tctaatttac tg              532
369 <210> SEQ ID NO: 9
370 <211> LENGTH: 705
371 <212> TYPE: DNA
372 <213> ORGANISM: Homo sapiens
374 <220> FEATURE:
375 <221> NAME/KEY: misc_feature
376 <222> LOCATION: (656)..(657)
377 <223> OTHER INFORMATION: n = a, c, g or t
380 <400> SEQUENCE: 9
381 tcaacataaa gcctctacac ccctcttttt ccagccttct tataaaagtt ctctgcatgt       60
383 gagtggcaag cataagtaga taatacacat gacaaattat cctgagttgc aagtaaatga      120
385 tctctgtaaa gggatggaat gttgtatttc cttctactga tgtttccata aactccagtt      180
387 tattgtgtga caatctattt tcaaaatttg tagtcatacc tacttgaata taaggtggga      240
389 ctcaacaaag gcaacacaac tgactttgta tgtcccctaa agggaggctg tagatctcta      300
391 agagatatac ttaagtggtg gagaaactga tttcatttgt tctatttctc aaaagttatt      360
393 tcttaaaatc tgagtcagtg tttaattttg cgtttaattc ttgcttgaag aaacaaacat      420
395 caggatgcta aactcagtcc ttgctgctgc tgcctcattg actaagctgg cccaggcaca      480
397 gcatgtcacc tcggtgtacc tttcccagtt tattatgtta ggatggcaga aatcattttc      540
399 ctcaaaatga ggatgtgaaa ggcacttatt aaacttaagt aaagtgattt ctaatttact      600
W--> 401 gaaagagaaa ccgggagaga aaagttata gcgatattta ctaagacagg taattnnaga      660
403 aaatgctatt taggaatat ctataatcaa tttgaaagca cttta                       705
406 <210> SEQ ID NO: 10
407 <211> LENGTH: 605
408 <212> TYPE: DNA
409 <213> ORGANISM: Homo sapiens
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412 <221> NAME/KEY: misc_feature
413 <222> LOCATION: (378)..(378)
414 <223> OTHER INFORMATION: n = a, c, g or t
417 <220> FEATURE:
418 <221> NAME/KEY: misc_feature
419 <222> LOCATION: (468)..(468)
420 <223> OTHER INFORMATION: n = a, c, g or t
423 <220> FEATURE:
424 <221> NAME/KEY: misc_feature
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```

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

```
Seq#:3;  N Pos. 100,103,104
Seq#:4;  N Pos. 100,103,104
Seq#:5;  N Pos. 131,132,133,134,135,136,137,138,139,140,141,142,143,144,145
Seq#:5;  N Pos. 146,147,148,149,150,151,152,153
Seq#:7;  N Pos. 305
Seq#:9;  N Pos. 656,657
Seq#:10; N Pos. 378,468,514,560
Seq#:11; N Pos. 759,849,895,941
Seq#:13; N Pos. 218,324,389
Seq#:15; N Pos. 30
Seq#:16; N Pos. 188,189,190,191,192,193,194,195,196,197,198,199,200,201,202
Seq#:16; N Pos. 203,204,205,206,207,208,209,210,211,212,346,394
Seq#:17; N Pos. 616
Seq#:18; N Pos. 14,171,339
Seq#:38; N Pos. 230,231,232,233,234,235,236,237,238,239,240,241,242,243,244
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Seq#:38; N Pos. 365,366,367,368,369,370,371,372,373,374,375,376,377,378,379
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Seq#:44; N Pos. 164,165
Seq#:45; N Pos. 115,160,196,197,205,206,209,213,214,234,238,243,255,259,269
Seq#:46; N Pos. 93,700
Seq#:47; N Pos. 94
Seq#:50; N Pos. 35,153
Seq#:51; N Pos. 388,404
Seq#:57; N Pos. 76,79,80,84,89,93,97,183,279
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                    RAW SEQUENCE LISTING ERROR SUMMARY        DATE: 06/03/2002
                    PATENT APPLICATION:   US/10/016,349A       TIME: 12:38:34

                    Input Set : A:\dex-243.ST25.txt
                    Output Set: N:\CRF3\06032002\J016349A.raw

Seq#:58; N Pos. 14,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89
Seq#:58; N Pos. 90,91,92,93,94,95,96,97,98,99,100,101,102,103,104,105,106
Seq#:58; N Pos. 107,108,109,110,111,112,113,114,115,116,117,118,119,120,121
Seq#:58; N Pos. 122,123,124,125,126,127,128,129,130,131,132,133,134,135,136
Seq#:58; N Pos. 137,138,139,140,141,142,143,144,145,146,147,148,149,150,151
Seq#:58; N Pos. 152,153,154,155,156,157,158,159,160,161,162,163,164,165,166
Seq#:63; N Pos. 649
Seq#:64; N Pos. 184,187,189
Seq#:68; N Pos. 6,8,74,91,228,231,236,245,313,324,406,414,415,420,421,439
Seq#:69; N Pos. 306,307
Seq#:70; N Pos. 36,91,164,165
Seq#:72; N Pos. 178
Seq#:73; N Pos. 407,411,414,421,695,698
Seq#:74; N Pos. 242,243,310,314
Seq#:83; N Pos. 350
Seq#:87; N Pos. 162,163,164,165,166,167,168,169,170,171,172,173,174,175,176
Seq#:87; N Pos. 177,178,179,180,181,182,183,184,185,186,187,188,189,190,191
Seq#:87; N Pos. 192,193,194,195,196,197,198,199,200,201,202,203,204,205,206
Seq#:87; N Pos. 207,208,209,210,211,212,213,214,215,216,217,218,219,220,221
Seq#:87; N Pos. 222,223,224,225,226,227,228,229,230,231,232,233,234,235,236
Seq#:87; N Pos. 237,238,239,240,241,242,243,244,245,246
Seq#:88; N Pos. 251,254,266,269,273,274,277
Seq#:89; N Pos. 112
Seq#:90; N Pos. 286
Seq#:91; N Pos. 5,22
Seq#:93; N Pos. 243,329
Seq#:95; N Pos. 574
Seq#:99; N Pos. 386,387,388,389,390,391,392,393,394,395,396,397,398,399,400
Seq#:99; N Pos. 401,402,403,404,405,406,407,408,409,410,411,412,413,414,415
Seq#:99; N Pos. 416,417,418,419,420,421,422,423,424,425,426,427,428,429,430
Seq#:99; N Pos. 431,432,433,434,435,436,437,438,439,440,441,442,443,444,445
Seq#:99; N Pos. 446,447,448,449,450,451,452,453,454,455,456,457,458,459,460
Seq#:99; N Pos. 461,462,463,464,465,466,467,468,469,470,471,472,473,474,475
Seq#:99; N Pos. 476,477,478,479,480,481,482,483,484,485,486,487,488,489,490
Seq#:99; N Pos. 491,492,493,494,495,496,497,498,499,500,501,502,503,504,505
Seq#:99; N Pos. 506,507,508,509,510,511,512,513,514,515,516,517,518,519,520
Seq#:99; N Pos. 521,522
Seq#:100; N Pos. 309,409,698
Seq#:103; N Pos. 543,725
Seq#:104; N Pos. 6
Seq#:105; N Pos. 193
Seq#:107; N Pos. 428,446
Seq#:109; N Pos. 312,385,419,506,517,518
Seq#:116; N Pos. 510
Seq#:118; N Pos. 1324
Seq#:120; N Pos. 318,465
Seq#:123; N Pos. 79
Seq#:124; N Pos. 370
Seq#:128; N Pos. 551
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                    RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 06/03/2002
                    PATENT APPLICATION:  US/10/016,349A      TIME: 12:38:34

                    Input Set : A:\dex-243.ST25.txt
                    Output Set: N:\CRF3\06032002\J016349A.raw

Seq#:130; N Pos. 328,418,432
Seq#:133; N Pos. 293,294,295,296,297,298,299,300,301,302,303,304,305,306
Seq#:133; N Pos. 307,308,309,310,311,312,313,314,315,316,317,318,319,320
Seq#:133; N Pos. 321,322,323,324,325,326,327,328,329,330,331,332,333,334
Seq#:133; N Pos. 335,336,337,338,339,340,341,342,343,344,345,346,347,389
Seq#:134; N Pos. 300,311,328,347,372,378,396,399,408,409,410
Seq#:139; Xaa Pos. 32,33,34,35,36,37,38,39
Seq#:143; Xaa Pos. 8,23
Seq#:146; Xaa Pos. 19
Seq#:148; Xaa Pos. 23,24,25,26,27,28,29,30,31,76,92
Seq#:150; Xaa Pos. 20
Seq#:168; Xaa Pos. 16,17,18,19,20,21,22,23,24,25,26
Seq#:173; Xaa Pos. 26
Seq#:174; Xaa Pos. 129,134
Seq#:179; Xaa Pos. 21,53
Seq#:180; Xaa Pos. 4,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40
Seq#:180; Xaa Pos. 41,42,43,44,45,46,47,48,49,50,51,52,53,54,55
Seq#:185; Xaa Pos. 23,24
Seq#:188; Xaa Pos. 5,11,57,58,59
Seq#:190; Xaa Pos. 2,26,27
Seq#:192; Xaa Pos. 27
Seq#:193; Xaa Pos. 37,38
Seq#:203; Xaa Pos. 4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24
Seq#:203; Xaa Pos. 25,26,27,28,29,30,31,32
Seq#:204; Xaa Pos. 4,5
Seq#:206; Xaa Pos. 60
Seq#:207; Xaa Pos. 56,62
Seq#:209; Xaa Pos. 81
Seq#:213; Xaa Pos. 6
Seq#:217; Xaa Pos. 5
Seq#:229; Xaa Pos. 42,91
Seq#:241; Xaa Pos. 7,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38
Seq#:241; Xaa Pos. 39
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           VERIFICATION SUMMARY              DATE: 06/03/2002
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           Input Set : A:\dex-243.ST25.txt
           Output Set: N:\CRF3\06032002\J016349A.raw

L:219  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:60
L:254  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:60
L:297  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:120
L:341  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:300
L:401  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:600
L:448  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:360
L:450  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:420
L:452  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:480
L:454  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:540
L:513  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:720
L:517  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:840
L:519  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:900
L:577  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:180
L:581  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:300
L:583  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:360
L:641  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:692  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:180
L:696  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:300
L:698  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:360
L:733  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:600
L:762  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:766  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:120
L:772  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:300
L:1286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:180
L:1288 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:240
L:1290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:300
L:1292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:360
L:1294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:420
L:1296 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:480
L:1464 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:120
L:1563 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:60
L:1565 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:120
L:1567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:180
L:1569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:240
L:1592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:60
L:1612 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:660
L:1629 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:60
L:1734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0
L:1738 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:120
L:1773 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:360
L:1955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:60
L:1959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:180
L:1961 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:240
L:1984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0
L:1986 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:60
L:1988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:120
L:2167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:600
L:2214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:180
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Input Set : A:\dex-243.ST25.txt
Output Set: N:\CRF3\06032002\J016349A.raw

L:2394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:0
L:2396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:60